

PRELIMINARY AMENDMENT
USSN: Not yet assigned

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

Claims 1 and 2 (canceled).

3. (currently amended): ~~The~~ A non-instantaneous-disruption HHO hard handover (HHO) control device according to claim 1 or 2, wherein each of baseband signal blocks provided in said source baseband resource and said destination baseband resource includes: disposed in a radio base station using a CDMA technique, for handover of a call from a source baseband resource to a destination baseband resource,

~~a search block for generating acquired path information of corresponding said baseband resource;~~

~~a codec block for generating radio frame synchronization identification information and transmission power control information of corresponding baseband resource; and~~

~~an HHO information write in/read in block for collecting non-instantaneous disruption HHO information including radio frame synchronization identification information, transmission power control information, and acquired path information of corresponding baseband resource.~~

said HHO control device comprising a call-processing/maintenance processing monitoring block for receiving radio link information including information of said source baseband resource and information of said destination baseband resource, from a host radio

network controller (RNC) managing baseband resource information, for management of said radio link information by said call-processing/maintenance processing monitoring block , characterized in that:

a CFN message generation block (110) for generating a connection frame number (CFN) which specifies a handover timing is provided in said call-processing/maintenance processing monitoring block (109); and

each of baseband signal blocks provided in said source baseband resource and said destination baseband resource includes:

a search block for generating acquired path information of corresponding said baseband resource;

a codec block for generating radio-frame-synchronization identification information and transmission-power control information of corresponding baseband resource; and

an HHO-information write-in/read-in block for collecting non-instantaneous-disruption HHO information including radio-frame-synchronization identification information, transmission-power control information, and acquired path information of corresponding baseband resource.

4. (currently amended): The non-instantaneous-disruption HHO control device according to claim 3, wherein said baseband signal block of said source baseband resource transfers said source-baseband-resource HHO information to said HHO-information write-in/read-in block of said destination baseband resource, upon receiving said CFN message, and wherein said HHO-information write-in/read-in block of said destination baseband resource

transfers, before said CFN occurring, said acquired path information of said source baseband resource to said search block of said destination baseband resource and said radio-frame-synchronization identification information and said transmission-power control information to said codec block of said destination baseband resource.

5. (original): The non-instantaneous-destination HHO control device according to claim 4, wherein said search block of said destination baseband resource generates acquired path information of said source baseband resource before said CFN occurring, and said codec block of said destination baseband resource generates said radio-frame-synchronization identification information and transmission-power control information of said destination baseband resource after said CFN occurring.

6. (original): The non-instantaneous-disruption HHO control device according to claim 3, wherein said HHO write-in/read-in block stores therein said non-instantaneous-disruption HHO information of an uplink radio frame or a downlink radio frame.

Claims 7 and 8 (canceled).

9. (currently amended): ~~The non-instantaneous-disruption HHO control device according to claim 8 or 9, further comprising the steps of:~~

A method for handover from a source baseband resource to a destination baseband resource without an instantaneous disruption in a radio communication system using a CDMA technique, said method comprising the step of:

~~generating acquired path information, radio frame synchronization identification information and transmission power information of each of said source baseband resource and said destination baseband resource, and storing non-instantaneous disruption HHO information including said acquired path information, radio frame synchronization identification information and transmission power control information~~

generating in a radio base station a CFN message including a connection frame number (CFN) specifying a handover timing, information of said source baseband resource and information of said destination baseband resource;

generating acquired path information, radio-frame-synchronization identification information and transmission-power information of each of said source baseband resource and said destination baseband resource; and

storing non-instantaneous-disruption HHO information including said acquired path information, radio-frame-synchronization identification information and transmission-power control information.

10. (original): The method according to claim 9, wherein said HHO information of said source baseband resource is transferred to said destination baseband resource upon receiving said CFN message, and said acquired path information of said destination baseband resource is generated prior to said CFN occurring.

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11. (currently amended): The method according to claim ~~8~~ 9, wherein said HHO information is HHO information of an uplink radio frame or a downlink radio frame.